

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	322	(711/106).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 09:52
S2	322	711/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 11:43
S3	2	"20040221098"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:08
S4	8	(super adj self adj refresh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:09
S5	322	711/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:10
S6	2	"20040221098"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:10
S7	2	S4 and (S5 S6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:10
S8	1	(super adj refresh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:10

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S9	3013	(self adj refresh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:20
S10	713	elpida.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:20
S11	7	S10 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 13:20
S12	952	((ito adj yutaka) (aisu adj takayuki) (suzuki adj yukihide)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 09:54
S13	67	S12 and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 09:58
S14	79	S12 and (dram refresh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:22
S15	12	("6446159" "6199139" "6147916" "4542454" "5623451" "5761143").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:54
S16	11	S14 and (super)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:23

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S17	3	S14 and (super).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:26
S18	0	(S14 and (ecc).clm.) not (S14)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:26
S19	0	(S14 and (ECC).clm.) not (S14)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:26
S20	8	(S14 and (ECC).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:26
S21	7	(S14 and (ECC).clm.) not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:28
S22	0	(S14 and (bist).clm.) not (S17 S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:28
S23	1	(S14 and (bist).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:28
S24	24	("4249253" "4319356" "4380812" "4617660" "4694454" "4758992" "4766573" "4935900" "5157634" "5267242" "5469559" "5644544" "5926429" "6065145" "6076183").PN. OR ("6199139"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:02

EAST Search History

S25	12	S24 and (error adj correct\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:18
S26	7	S25 and (address with generat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:20
S27	4	S25 and (command with generat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:22
S28	8	(super adj self adj refresh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 11:26
S29	0	S28 and (error adj correct3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:23
S30	3	S28 and (error adj correct\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:23
S31	7	(dram (dynamic adj ram) (dynamic adj random)).ab. and ((error adj correct\$3) ecc) and refresh and (user with command)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 11:45
S32	44	((dram (dynamic adj ram) (dynamic adj random)) and ((error adj correct\$3) ecc) and refresh).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 11:49
S33	2	"20020018389"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 16:19
S34	2	"20040221098"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:13

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S35	44	((dram (dynamic adj ram) (dynamic adj random)) and ((error adj correct\$3) ecc) and refresh).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:26
S36	0	S35 and (user with encod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:27
S37	0	S35 and (user same encod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:45
S38	0	S35 and ((self adj refresh) with (entry adj scheme))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:45
S39	0	S35 and ((self adj refresh) with (entry exit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:46
S40	307	((self adj refresh) with (entry exit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:46
S41	15	S40 and dram and (ecc (error adj correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 16:21
S42	9	S41 and ((entry exit) with user)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:46

EAST Search History

S43	8	S40 and dram and (self adj refresh same ((entry exit start end begin finish) with user))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 14:01
S44	4	S43 not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:52
S45	2	(S40 and dram and (self adj refresh same ((entry start begin enable) same user))) not (S42 S44)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:59
S46	4	(self adj refresh same ((entry start begin enable) with user)) not (S42 S44 S45)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 14:02
S47	5	(self adj refresh same ((entry start begin enable) same user)) not (S42 S44 S45 S46)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 14:41
S48	10	("4542454" "4694454" "4758992" "5410507" "5623451" "5629898" "5761143" "6147916" "6199139").PN. OR ("6697992").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 14:40
S49	3	S48 and (error adj correct\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 14:41
S50	0	(self adj refresh same ((entry start begin enable) same user)) and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 14:41
S51	7	("6414894" "6426908" "6512715").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 16:20

EAST Search History

S52	0	S51 and dram and (ecc (error adj correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 16:21
S53	0	S51 and (ecc (error adj correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 16:21
S54	0	"20030061536" and ((refresh adj period) with (check adj bit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 11:16
S55	0	"20030061536" and ((refresh adj period) same (check adj bit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 11:16
S56	1	"20030061536" and ((refresh adj period) same (parity adj bit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 11:16
S57	1	"20030061536" and ((refresh adj period) with (parity adj bit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:17
S58	2	"6829677".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:40
S59	1	"20030061536" and (address with generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:19

EAST Search History

S60	0	"20030061536" and ((refresh adj counter) with increment\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:42
S61	3	(ito adj yutaka).in. and (write adj data and information adj data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:49
S62	203	(dram and error adj correction).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 17:00
S63	33	(dram and error adj correct\$3).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 17:02
S64	2	"20030093744"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 17:05
S65	2	"6052818".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 17:10
S66	2	"5450422".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 14:33
S67	19	(ito adj yutaka).in. and cyclic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 14:34

EAST Search History

S68	4	(ito adj yutaka).in. and cyclic adj shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 14:41
S69	3	forward adj cyclic adj shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 14:41
S70	10	(US-20020018389-\$ or US-20020133663-\$ or US-20030061536-\$ or US-20030149929-\$ or US-20040221098-\$ or US-20040243886-\$).did. or (US-6199139-\$ or US-6697992-\$ or US-6829677-\$ or US-5450422-\$). did.	US-PGPUB; USPAT	OR	ON	2005/12/23 16:09
S71	3	S70 and (shift adj register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 14:55
S72	0	"20020018389" and (shift adj register same invert)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 14:56
S73	1	"20020018389" and (shift adj register same invert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 14:56
S74	1	"20040221098" and (shift adj register same invert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:02
S75	4	error adj detect\$3 with (forward backward) adj shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:03

EAST Search History

S76	9	error adj (correct\$3) with (forward backward) adj shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:05
S77	2	(error adj (correct\$3) same ((forward adj shift\$3) and backward adj shift\$3)) not (S75 S76)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:15
S78	287	((forward and backward) with (shift\$3))same error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:16
S79	42	((forward and backward) with (shift\$3 and register))same error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:33
S80	13	S79 and \$1ram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:19
S81	1	(forward and backward) same cyclic adj shift\$3 same error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:34
S82	27	((forward adj shift\$3) and (backward adj shift)) same error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:35
S83	25	S82 not S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:35

EAST Search History

S84	1	S83 and \$1ram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 15:35
S85	99	("4980888" "6216246" "6216246" "3814922" "4617660" "4758992" "4766573" "4794597" "5553231" "6697992" "6735726" "6035044" "6141249" "5694383" "5831955" "5239526" "5357473" "5446741" "5495572" "5502573" "5508989" "5528571" "5586127" "5864569" "5873112" "5889938" "5941993" "6000039" "6161194" "6178537" "6188650" "6209113" "6266273" "6292868" "6349056" "6438665" "6560143" "6972993" "5930448" "6972585" "6195300" "4319356" "5502732" "5604755" "6065146" "6209074" "6859614" "5261068" "5313624" "5379415").pn. ("6044479" "6429984" "6628466" "6694451" "6546245" "5793774" "4598402" "4901228" "5218691" "5455684" "5504585" "5521922" "5568274" "5623459" "5657464" "5664094" "5677901" "5694262" "5719982" "5752169" "5757921" "5781594" "5923811" "5953513" "5996107" "6115342" "6119260" "6158004" "6229660" "6243845" "6345374" "6374389" "6697915" "6792501" "6839875" "6915476" "4342084" "4399506" "4937783" "5008886" "5235693" "5402428" "5416907" "5465338" "5517626" "5546246" "5603001" "5640349" "5655150" "5696775").pn.)	US-PGPUB; USPAT	OR	ON	2005/12/23 16:10
S86	3	S85 and (self adj refresh) and (error adj correct\$3)	US-PGPUB; USPAT	OR	ON	2005/12/23 16:20
S87	5459	(714/1,6,48,52 711/105,106,162, 161).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 16:19

EAST Search History

S88	5459	(714/1,6,48,52 711/105,106,162,161).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 16:20
S89	11	S88 and (self adj refresh) and (error adj correct\$3)	US-PGPUB; USPAT	OR	ON	2005/12/23 16:20
S90	2	"20020018389"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S91	985	((ito adj yutaka) (aisu adj takayuki) (suzuki adj yukihide)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S92	79	S91 and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S93	348	((self adj refresh) with (entry exit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S94	19	S93 and dram and (ecc (error adj correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S95	9	S94 and ((entry exit) with user)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S96	1	"20030061536" and ((refresh adj period) with (parity adj bit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21

EAST Search History

S97	1	"20030061536" and (address with generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S98	8	(US-20020018389-\$ or US-20020133663-\$ or US-20030061536-\$ or US-20030149929-\$ or US-20040221098-\$ or US-20040243886-\$).did. or (US-6199139-\$ or US-6697992-\$ or US-6829677-\$ or US-5450422-\$). did.	US-PGPUB; USPAT	OR	ON	2006/07/23 19:21
S99	9	@pd>"20051223" and (S92 S95 S96 S97 S98)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/23 19:21
S10 0	1417	refresh with (internal within inside contained) with control and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 14:25
S10 1	617	refresh near3 circuit with (internal within inside contained) with control and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 14:25
S10 2	1	refresh near3 circuit with (internal within inside contained) with ram near3 control and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 14:27
S10 3	208	refresh near3 circuit with (internal within inside contained) with decoder and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:05
S10 4	303	refresh near3 circuit near5 (decoder ram adj control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:05

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S10 5	50	refresh near3 circuit near5 (decoder ram adj control) with (within inside contained internal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:06
S10 6	993	((ito adj yutaka) (aisu adj takayuki) (suzuki adj yukihide)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08
S10 7	81	S106 and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08
S10 8	388	((self adj refresh) with (entry exit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08
S10 9	25	S108 and dram and (ecc (error adj correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08
S11 0	13	S109 and ((entry exit) with user)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08
S11 1	1	"20030061536" and ((refresh adj period) with (parity adj bit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08
S11 2	1	"20030061536" and (address with generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08

EAST Search History

S11 3	8	(US-20020018389-\$ or US-20020133663-\$ or US-20030061536-\$ or US-20030149929-\$ or US-20040221098-\$ or US-20040243886-\$).did. or (US-6199139-\$ or US-6697992-\$ or US-6829677-\$ or US-5450422-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/04 18:08
S11 4	208	refresh near3 circuit with (internal within inside contained) with decoder and dram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:08
S11 5	16	(S107 S110 S111 S112 S113 S114) and @pd>"20060723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 18:09

Thu, 4 Jan 2007, 6:22:24 PM EST

Edit an existing query or
compose a new query in the
Search Query Display.

Search Query Display

Select a search number (#)
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

		Results
#1	((dram <and> ecc <and> (self <near/1> refresh))<in>metadata)	0
#2	((dram <and> ecc <and> (self <near/1> refresh))<in>pdfdata)	10
#3	((ram <and> ecc <and> (self <near/1> refresh))<in>pdfdata)	8
#4	((ram <and> ecc <and> (refresh))<in>pdfdata)	90
#5	((dram <or> ram) <and> ecc <and> (refresh))<in>pdfdata)	119
#6	((dram <or> ram) <and> (self <near/3> refresh))<in>pdfdata)	163
#7	((dram <or> ram) <and> (self <near/3> refresh) <sentence> (internal <or> inside <or> within <or> contained))<in>pdfdata)	19